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Datasheet for ABIN5608462
MBP/MBL Protein (partial) (His tag)

Overview

Quantity:	100 µg
Target:	MBP/MBL
Protein Characteristics:	partial
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MBP/MBL protein is labelled with His tag.
Application:	Western Blotting (WB)

Product Details

Sequence:	Glu 21 - Ile 248
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Endotoxin level is less than 1.0 EU per ug by the LAL method.

Target Details

Target:	MBP/MBL
Alternative Name:	MBL (MBP/MBL Products)
Background:	Mannose-binding lectin (MBL) is also known as mannose-binding protein, mannan-binding protein (MBP), Mannose-binding protein C, Collectin-1 (COLEC1), MBL2, which belongs to the class of collectins in the C-type lectin superfamily. MBL contains one C-type lectin domain and one collagen-like domain. MBL has an oligomeric structure (400-700 kDa), built of subunits that

Target Details

contain three presumably identical peptide chains of about 30 kDa each. MBL is calcium-dependent lectin involved in innate immune defense. MBL binds mannose, fucose and N-acetylglucosamine on different microorganisms and activates the lectin complement pathway. MBL binds to late apoptotic cells. MBL may bind DNA.

Molecular Weight: 24.8 kDa

Gene ID: 4153

UniProt: [P11226](#)

Application Details

Application Notes: This recombinant protein can be used for WB.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C, -80 °C

Storage Comment: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C.